

Abstract

The present invention relates to a communication adapter apparatus that connects electrical apparatuses, sensors, and other apparatuses to a network. In order to obtain a communication adapter apparatus that is capable of realizing simplification of setting at the time of execution of works, simplification of execution of works, reduction of power consumption, and simplification of system setting, the communication adapter apparatus according to the invention is a communication adapter that connects one of plural connection object apparatuses having an apparatus object consisting of information, which is based on functions of the apparatuses, and operable control items, respectively and a network to which a controller for remotely controlling the connection object apparatus is connected, the communication adapter including: communication control means that controls transmission and reception of data to and from the network; apparatus communication managing means that copies and saves the apparatus object, saves a procedure for a communication service of the communication control means, and makes it possible to use the connection object apparatus from the network using these saved data; and apparatus interface means that is defined by standards common to all the apparatuses in order to make all the plural communication object apparatuses connectable.